

NJ0001293216

PFISTER CHEMICAL INC.
Linden Avenue
Ridgefield, Bergen County
New Jersey 07657

Pfister Chemical Inc., located in Ridgefield, Bergen County, has operated as an organic chemical manufacturing facility since 1936. Process waste water, cooling water, and still bottoms are the primary waste products generated by Pfister at this location.

A 2.5 acre unlined lagoon, utilized by Pfister for the treatment of its process waste waters has been the subject of investigation by the EPA and the NJDEP. During the thirty years this lagoon was in operation, an estimated 5,000 to 10,000 cubic yards of chemical sludge has accumulated. Analysis of sludge samples performed in June 1982 revealed high levels of toluene, total xylenes, chlorobenzene and ethylbenzene.

At present, the Division of Waste Resources (DWR) has directed Pfister to submit a closure plan for its process waste water lagoon. In addition, the company has been instructed to install four monitoring wells to assess the impact of the lagoon on the groundwater. Although there is no documentation of environmental contamination at this time, the potential exists. Therefore, a medium priority rating has been given to this site.

Submitted by:

Carol Graubart
Environmental Specialist
NJDEP/HSMA

Total Hours to Complete: 32

240225





Preliminary Assessment

PFISTER CHEMICAL INC.
Linden Avenue
Ridgefield, Bergen County
New Jersey 07657



POTENTIAL HAZARDOUS WASTE SITE,
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NJ 001293216

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Pfister Chemical Inc.		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER Linden Avenue			
03 CITY Ridgefield	04 STATE NJ	05 ZIP CODE 07657	06 COUNTY Bergen		07 COUNTY CODE 08 CONG DIST
09 COORDINATES LATITUDE 40° 50' 33"		LONGITUDE 74° 00' 33"		Block: 39 Lot: 1	

10 DIRECTIONS TO SITE (Starting from nearest public road) Take Route 1 N to the Garden State Parkway. Take Garden State Parkway N to exit 157. Take Route 46 East through Little Ferry and Ridgefield Park. Cross N.J. Turnpike and Overpeck Creek, make a right on Grand Ave. Turn right on

III. RESPONSIBLE PARTIES Linden Ave. Follow to end.

01 OWNER (if any) Albert Bendelius		02 STREET (business, mailing, residential) Linden Ave.			
03 CITY Ridgefield	04 STATE NJ	05 ZIP CODE 07657	06 TELEPHONE NUMBER ()		
07 OPERATOR (if known and different from owner) Arthur Gusmono - Tech. Director		08 STREET (business, mailing, residential) Linden Ave.			
09 CITY Ridgefield	10 STATE NJ	11 ZIP CODE 07657	12 TELEPHONE NUMBER 201 945-5400		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					

14 OTHER OPERATOR NOTIFICATION ON FILE (Check one)

☐ A. RCRA 3001 DATE RECEIVED: 12/1/82 ☐ B. UNCONTROLLED WASTE SITE (RCRA 103) DATE RECEIVED: _____ ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 5/7/82 <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____			
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02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	03 YEARS OF OPERATION BEGINNING YEAR 1936 ENDING YEAR present <input type="checkbox"/> UNKNOWN
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04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Sludge samples collected by the NJDEP in June 1982, contained high levels of toluene, total xylenes, chlorobenzene, and ethylbenzene. (See Attachment D)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Pfister has been depositing hazardous wastes into a 2.5 acre unlined lagoon for 30 years. The potential exists that contamination to soils, groundwater, surface water and off-site property occurred as a result.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one - if high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Constituents and Releases) <input type="checkbox"/> A. HIGH (Inspection required immediately) <input checked="" type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action required - complete current inspection entry)			
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VI. INFORMATION AVAILABLE FROM

01 CONTACT Anne DeCicco		02 OF (Agency/Organization) NJDEP/HSMA		03 TELEPHONE NUMBER 609, 984-2493	
04 PERSON RESPONSIBLE FOR ASSESSMENT Carol Graubart		05 AGENCY DEP	06 ORGANIZATION HSMA	07 TELEPHONE NUMBER 609, 633-2215	08 DATE 2 26 86 MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE.
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

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07 OPERATOR (if known and different from owner) Arthur Gusmono - Tech. Director		08 STREET (business, mailing, residential) Linden Ave.			
09 CITY Ridgefield	10 STATE NJ	11 ZIP CODE 07657	12 TELEPHONE NUMBER 201 945-5400		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check one)
☐ A. RCRA 3001 DATE RECEIVED: 12/1/82 ☐ B. UNCONTROLLED WASTE SITE (RCRA 103(c)) DATE RECEIVED: _____/_____/_____
MONTH DAY YEAR MONTH DAY YEAR ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 5/7/82 <input type="checkbox"/> NO MONTH DAY YEAR		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify)	
CONTRACTOR NAME(S): _____			

02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	03 YEARS OF OPERATION 1936 present BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN
--	--

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Sludge samples collected by the NJDEP in June 1982, contained high levels of toluene, total xylenes, chlorobenzene, and ethylbenzene. (See Attachment D)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Pfister has been depositing hazardous wastes into a 2.5 acre unlined lagoon for 30 years. The potential exists that contamination to soils, groundwater, surface water and off-site property occurred as a result.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one: if high or medium is checked, complete Part 2 - Waste information and Part 3 - Description of hazardous conditions and impacts) <input type="checkbox"/> A. HIGH (inspection required immediately) <input checked="" type="checkbox"/> B. MEDIUM (inspection required) <input type="checkbox"/> C. LOW (inspect on the next available date) <input type="checkbox"/> D. NONE (no further action needed; complete current disposition form)			
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VI. INFORMATION AVAILABLE FROM

01 CONTACT Anne DeCicco	02 OF (Agency/Organization) NJDEP/HSMA	03 TELEPHONE NUMBER 609, 984-2493	
04 PERSON RESPONSIBLE FOR ASSESSMENT Carol Graubart	05 AGENCY DEP	06 ORGANIZATION HSMA	07 TELEPHONE NUMBER 609, 633-2215
08 DATE 2 26 86 MONTH DAY YEAR			



☐ I. HIGHLY VOLATILE
☐ J. EXPLOSIVE
☐ K. REACTIVE
☐ L. INCOMPATIBLE
☐ M. NOT APPLICABLE

PA FORM 2070-12 (7-81)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE: NJ 02 SITE NUMBER: 001293216

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

High levels of toluene, total xylenes, chlorobenzene and ethylbenzene were detected in the 2.5 acre process waste lagoon at the Pfister site. Contamination to ground-water may have occurred. (See Attachments B&D)

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Pfister's process waste lagoon is immediately adjacent to Overpeck Creek, a tributary of the Hackensack River. The potential exists for contamination to have occurred. (Attachment C1)

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☒ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

- Direct contact to the hazardous substances within the lagoon is possible as it is not enclosed.

01 ☒ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

A 2.5 acre unlined process waste lagoon, utilized by Pfister for thirty years, was found to contain high levels of toluene, total xylenes, chlorobenzene, and ethylbenzene. Contamination to soils may have resulted. (See Attachments B & D)

01 ☐ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☒ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

At present, Pfister's process waste lagoon is not enclosed. The potential exists for workers to experience exposure to the hazardous substances within the lagoon as a result.

01 ☐ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

N.J.

001293216

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include numbers of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/Leaks/Overflowing drums, Leaking drums)

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION (See Attachments B & D)

Process wastes containing Toluene, Xylene, Chlorobenzene, and Ethylbenzene have been deposited by the company in an unlined lagoon for thirty years.

01 ☒ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

Overpeck Creek is adjacent to Pfister's process waste lagoon. It is possible contamination may have occurred. (See Attachment C1)

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

At present, enforcement action has been taken against Pfister to assure proper closure of the process waste water lagoon.

V. SOURCES OF INFORMATION (See specific references, e. g., state files, sample analysis, reports)

Attachment A (Administrative Consent Order, DWM, August 1985)

Attachment B (Memo from DWR, Enforcement, Metro Reg. Oct. 1983)

Attachment C (Inspection Report, Bureau of Groundwater Management, May 1982)

PRELIMINARY ASSESSMENT FILE SEARCH

NJDEP

DIVISION OF WATER RESOURCES:

2/25/86 A. Enforcement Tom McKeo 201/669-3900 yes
2/14/86 B. Groundwater No
C. Other _____

DIVISION OF WASTE MANAGEMENT:

2/25/86 A. HSWA Paul DeCicca 4-2493 yes
B. Enforcement _____
2/21/86 C. Solid Waste Al Florido 2-6070 yes

ENVIRONMENTAL QUALITY:

A. Air Pollution _____
B. Pesticides _____
C. Other _____

DIVISION OF FISH AND GAME:

2/21/86 OFFICE OF SCIENCE AND RESEARCH: yes
A. Industrial Survey _____
B. Other _____

N.J. DEPARTMENT OF HEALTH:

LOCAL AUTHORITIES:

2/19/86 A. Health Department Mr. Stank 201/243-6062 No
B. Town or County Clerk _____

UNITED STATES GOVERNMENT:

2/19/86 A. EPA De Anna 201/321-6686 No
B. Other _____

Alster Chemicals, Inc.
Linden Ave.
Ridgefield, Bergen Co.
New Jersey
EPA # 001293216